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D15

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Failure detection method of water treatment film, involves sealing gas on one side of film at preset pressure, and finding any change of gas pressure to confirm failure of film
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detection method.
Water treatment film 3

NOVELTY

The failure detection method involves supplying pressurized gas on one side of the film (3), and sealing the gas at preset pressure. Failure of film is detected based on the detected change in pressure of the gas.

USE

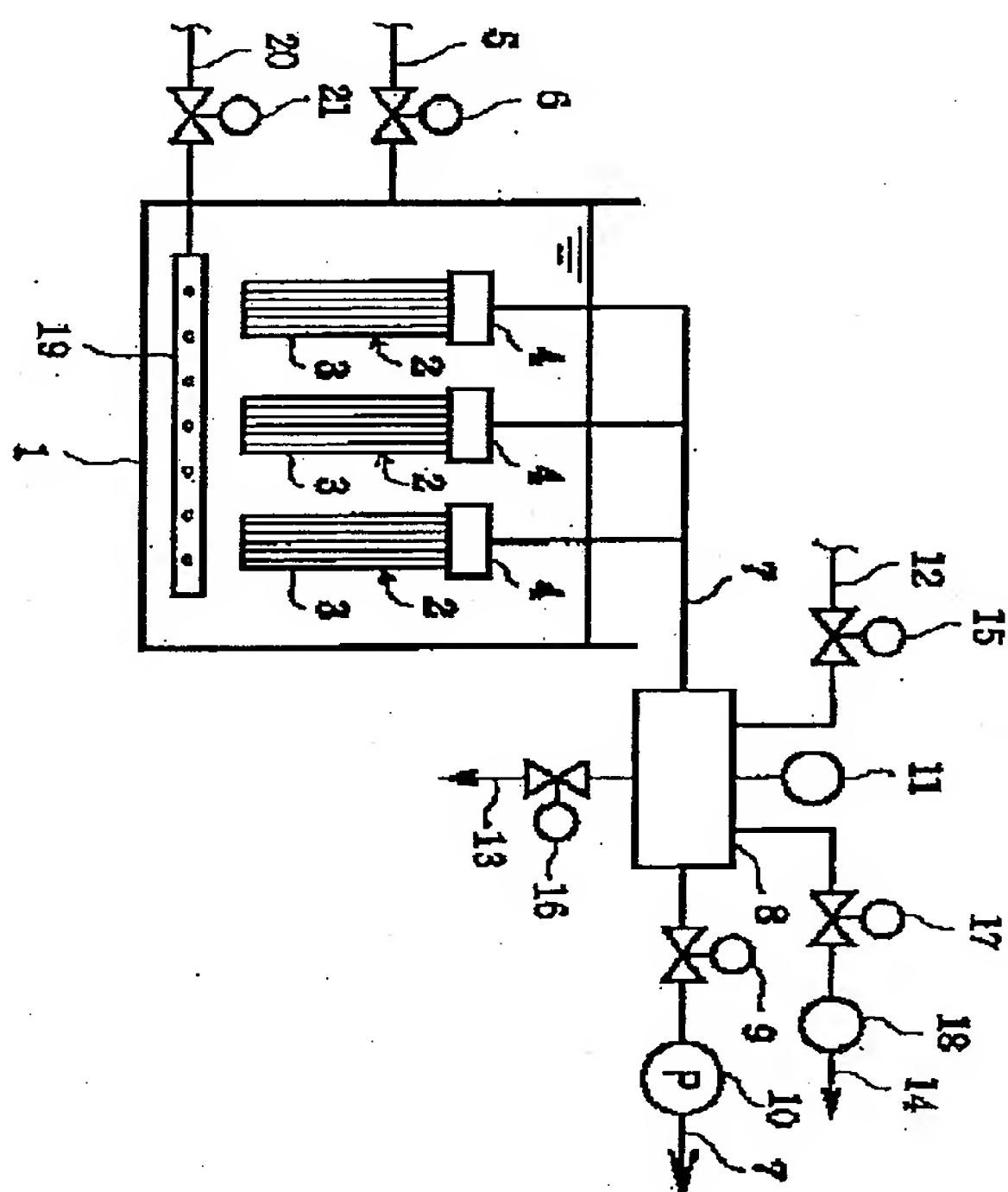
In raw water filtration equipment using hollow fiber membrane.

ADVANTAGE

Failure analysis of water treatment film is carried out automatically and reliably by use of pressurized gas.

DESCRIPTION OF DRAWING

The figure shows the block diagram explaining the failure



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